

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) An adaptive pneumatic seat cushion [[(1)]] and backrest cushion [[(2)]] for vehicles and aeroplanes, characterised in that it comprises each of the seat cushion and the backrest cushion comprising:  
~~a seat cushion (1) and a backrest cushion (2) which can be connected;~~  
~~both the seat cushion (1) and the backrest cushion (2) comprise the following characteristics:~~  
~~a plurality of low-elasticity textile tubular pockets [[(5)]] arranged side by side;~~  
~~consisting of a textile material of low elasticity, of which~~  
~~adjacent tubular pockets [[(5)]] each is of the plurality of tubular pockets being directly interconnected connected to the adjacent pockets by means of via seams [[(6)]];~~  
~~wherein each of the plurality of tubular pockets pocket [[(5)]] comprises a pouch [[(7)]] which consists of comprising an elastic plastic material with a valve [[(8)]];~~  
~~which pocket can be filled with compressed air;~~  
~~wherein the totality of the plurality of tubular pockets [[(5)]] are enclosed by a shell [[(4)]] made of a textile material of low elasticity[[,]];~~  
~~wherein said plurality of tubular pockets [[(5)]] are sewn to the shell [[(4)]] along further seams [[(6),]] such that the shell is tensioned and forms a cushion surface [[(4)]] when the plurality of pouches [[(7)]] are filled with compressed air is tensioned and thus forms the actual seat or backrest surface.~~
2. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 1, characterised in that wherein the a plurality of tubular pockets [[(5)]] in the seat cushion [[(1)]] are arranged parallel to the a direction of the seat, while and in the backrest cushion [[(2)]] said a plurality of tubular pockets [[(5)]] are arranged in the a top-to-bottom direction.
3. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 1, characterised in that wherein the plurality of tubular pockets, [[(5)]] both in the seat cushion [[(1)]] and in the backrest cushion, [[(2)]] are arranged across the seat.
4. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 2 or 3, characterised in that wherein all of the plurality of tubular pockets [[(5)]] in the seat cushion [[(1)]] on the one hand, and in the backrest cushion [[(2)]] on the other hand, are of the same size.
5. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 2 or 3, characterised in that wherein the cross dimensions of the plurality of tubular pockets [[(5)]] are differently selected such that optimum seating comfort can be achieved.
6. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 5, characterised in that wherein each of the plurality of tubular pockets pocket [[(5)]] can individually be filled with compressed air.

7. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 2 or 3, characterised in that wherein the cross dimensions of the plurality of tubular pockets [(5)] vary with their longitudinal dimensions.